

CLAIMS

The following is a copy of Applicant's claims that identifies language being added with underlining ("___") and language being deleted with strikethrough ("—"), as is applicable:

1. (Currently Amended) A method of producing a three-dimensional object, comprising the steps of:

providing a norbornene based curable material including at least one initiator and at least one norbornene based build material, wherein the norbornene based curable material is a multi-part norbornene based curable material;

dispensing the norbornene based curable material onto a build platform, wherein the at least one initiator and the at least one norbornene based build material are dispensed onto the build platform independently, wherein the initiator is dispensed from a first ink-jet printhead and the norbornene based build material is dispensed from a second ink-jet printhead, wherein the at least one initiator and the at least one norbornene based build material are commingled to form the multi-part norbornene based curable material; and

curing the norbornene based curable material to produce the three-dimensional object.

2-4. (Canceled)

5. (Currently Amended) The method of producing a three-dimensional object of ~~claim 4~~ claim 1, wherein dispensing includes:

dispensing a layer of the at least one norbornene build material; and

dispensing a layer of the initiator onto the layer of the at least one norbornene build material thereby forming the multi-part norbornene based curable material.

6. (Currently Amended) The method of producing a three-dimensional object of ~~claim 4~~ claim 1, wherein dispensing includes:

dispensing a layer of the initiator; and

dispensing a layer of the norbornene based build material onto the layer of initiator thereby forming the multi-part norbornene based curable material.

7. (Currently Amended) The method of producing a three-dimensional object of ~~claim 4~~ claim 1, wherein dispensing the initiator and the norbornene based build material is performed sequentially.

8. (Currently Amended) The method of producing a three-dimensional object of ~~claim 4~~ claim 1, wherein dispensing the ~~radiation~~ initiator and the build material is performed simultaneously.

9. (Canceled)

10. (Currently Amended) The method of producing a three-dimensional object of claim 1, wherein the initiator is selected from the group consisting of: ring opening metathesis polymerization initiators, radical initiators, photo initiators, and combinations thereof.

11. (Currently Amended) The method of producing a three-dimensional object of claim 1, wherein the norbornene based build material is selected from the group consisting of: functionalized norbornene compounds, functionalized hetero-norbornene compounds, dicyclopentadiene, and combinations thereof.

12-30. (Canceled)